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INVENTOR: RAYCHAUDHURI et al.  
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IDEC REF. NO.: 1991-30-0020CP3C3  
TITLE: INDUCTION OF CYTOTOXIC T-LYMPHOCYTE RESPONSES

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MCLEAN, VIRGINIA

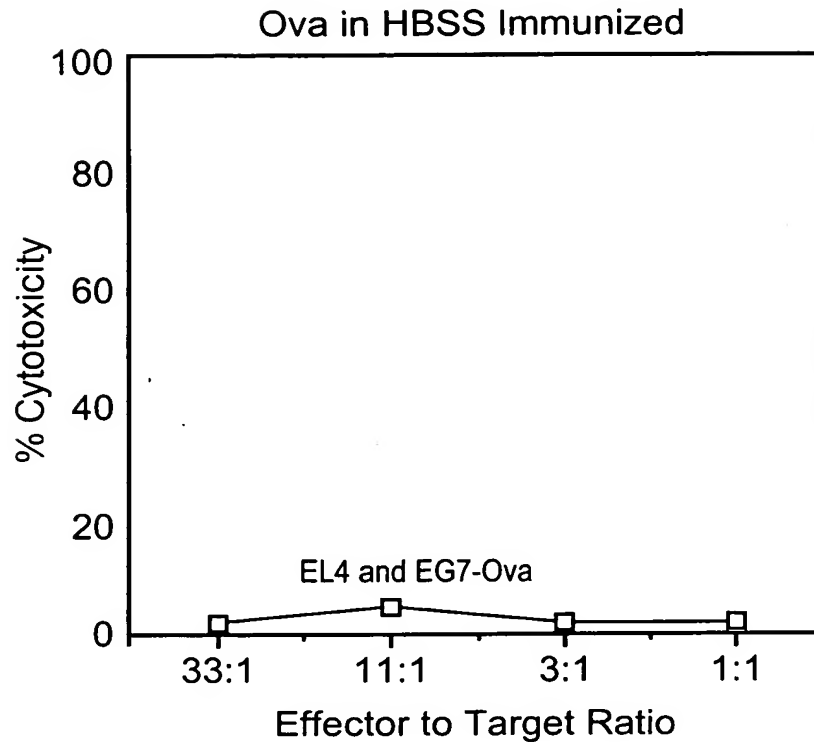


FIG. 1A

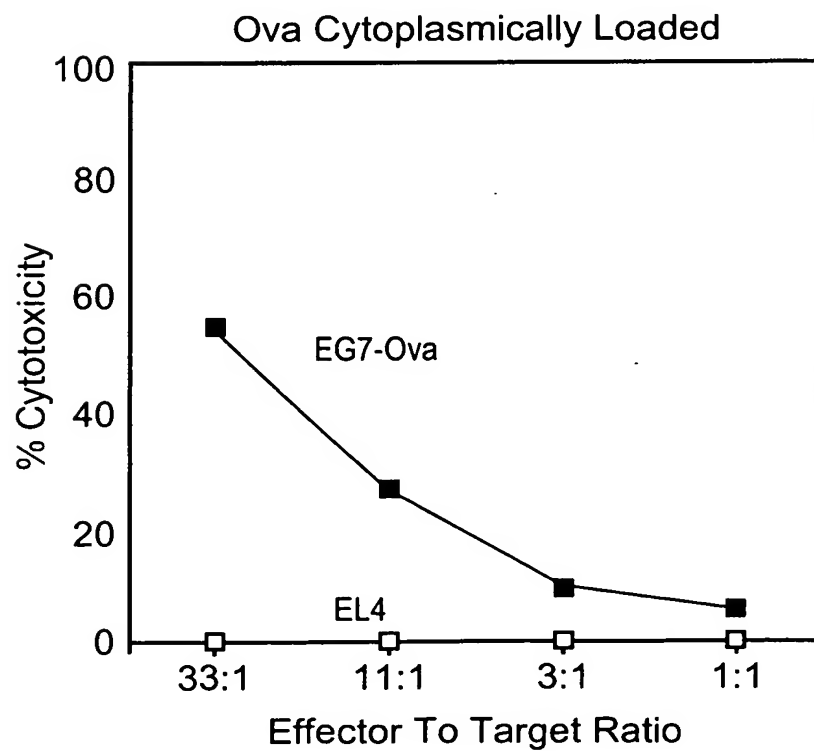


FIG. 1B

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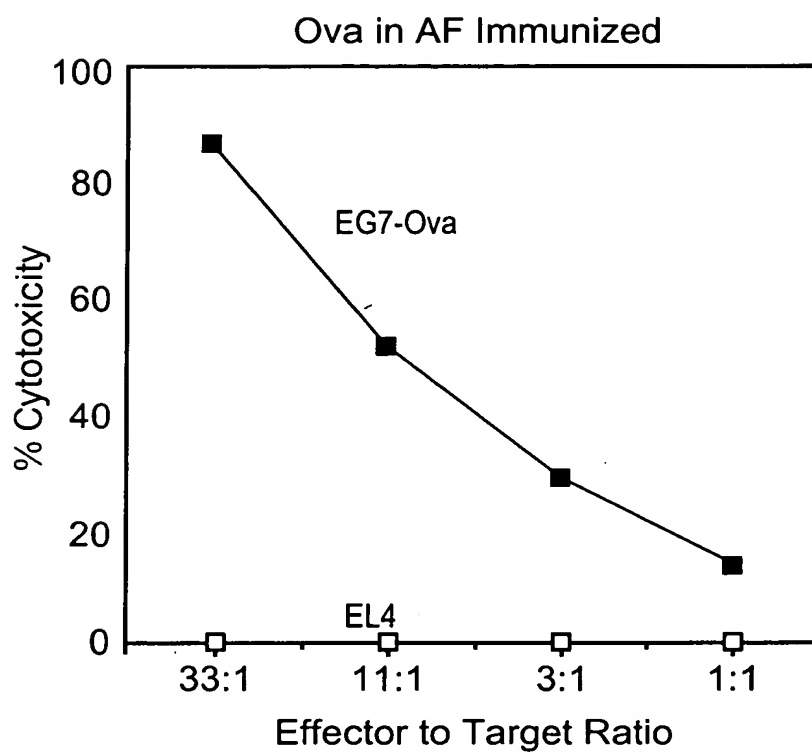


FIG. 1C

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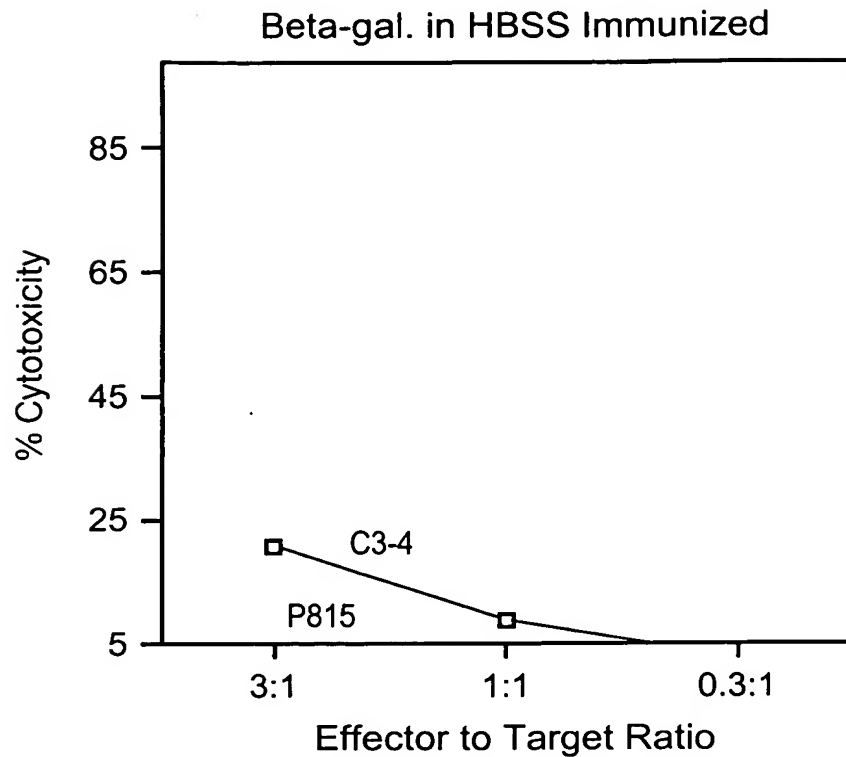


FIG. 2A

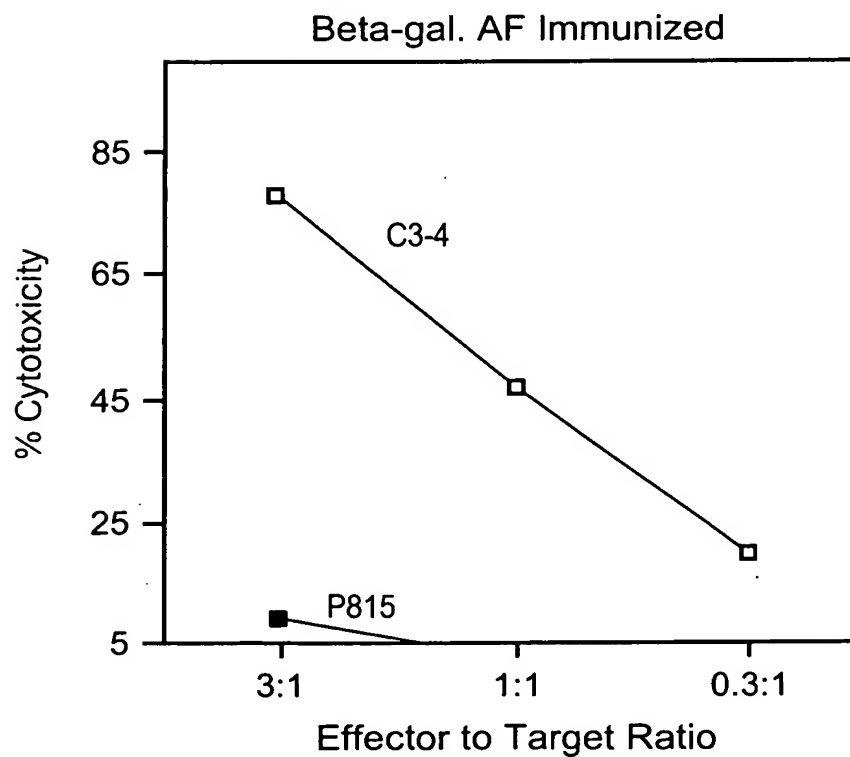


FIG. 2B

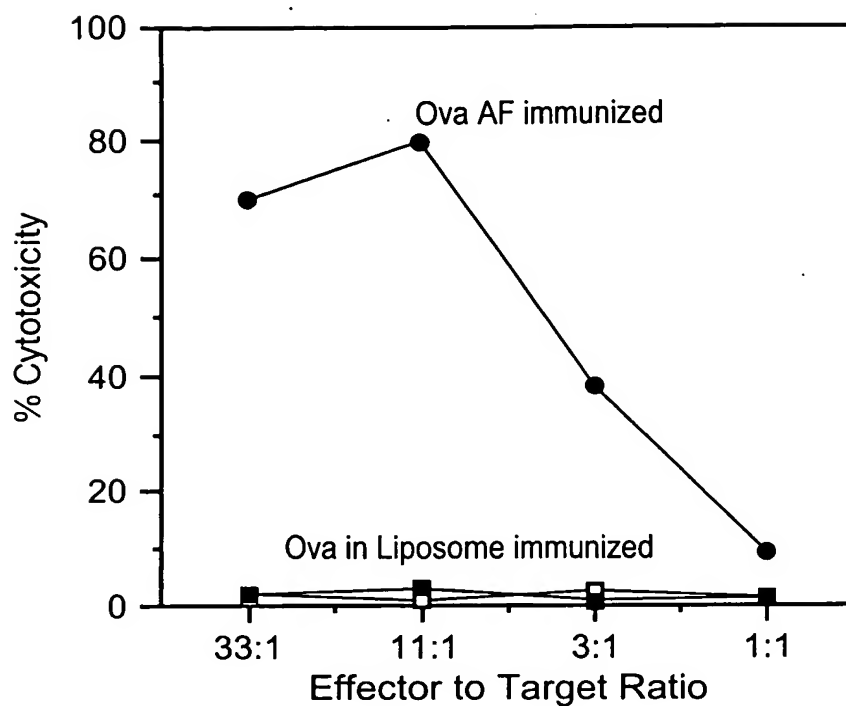


FIG. 3

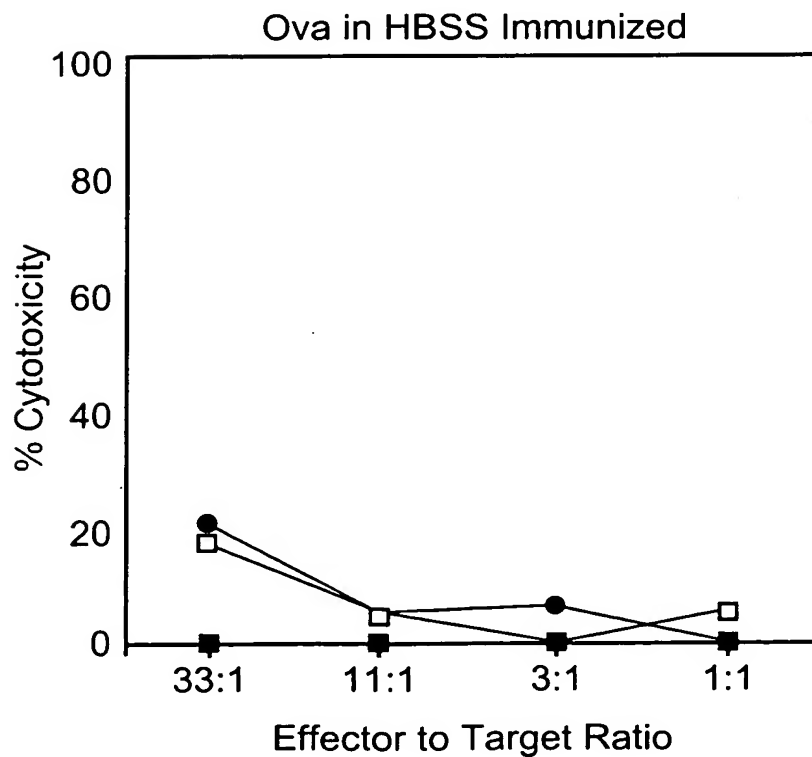


FIG. 4A

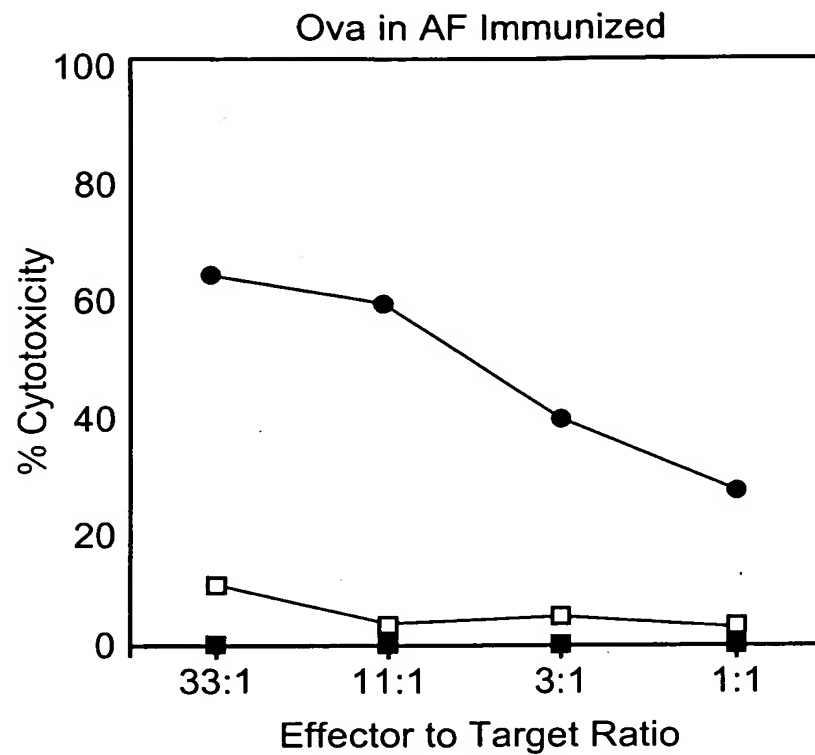


FIG. 4B

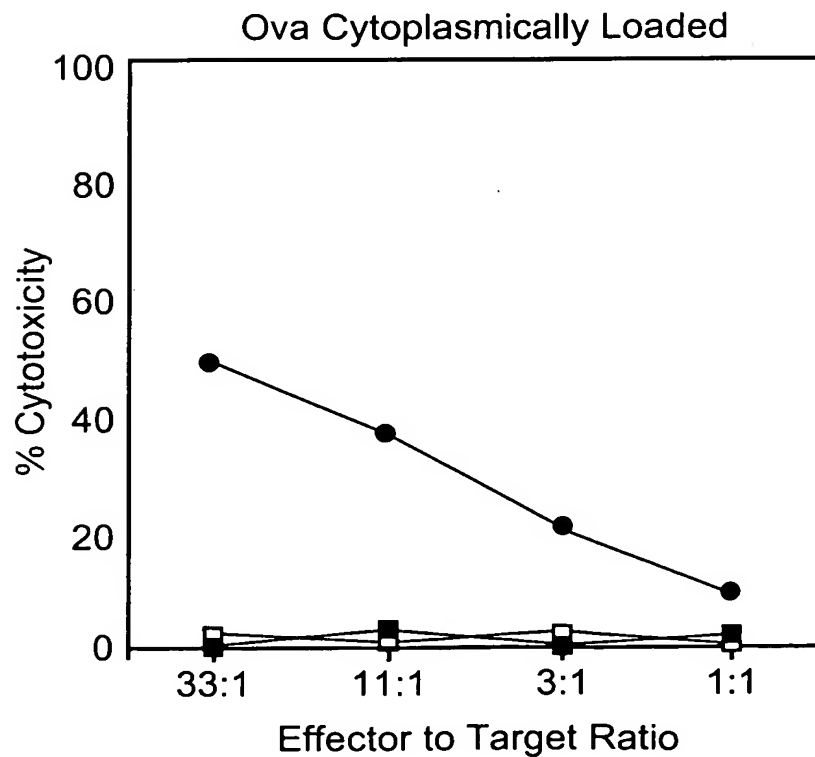


FIG. 4C

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### CD8 and T cells are the Effector Cells

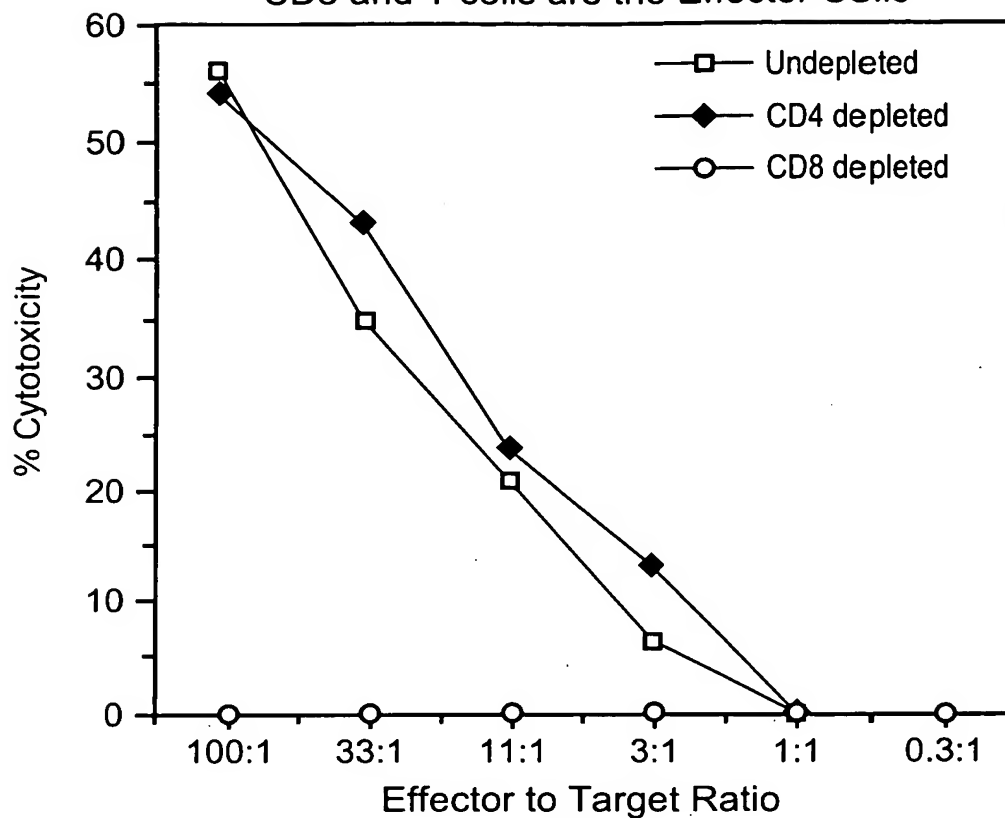


FIG. 5

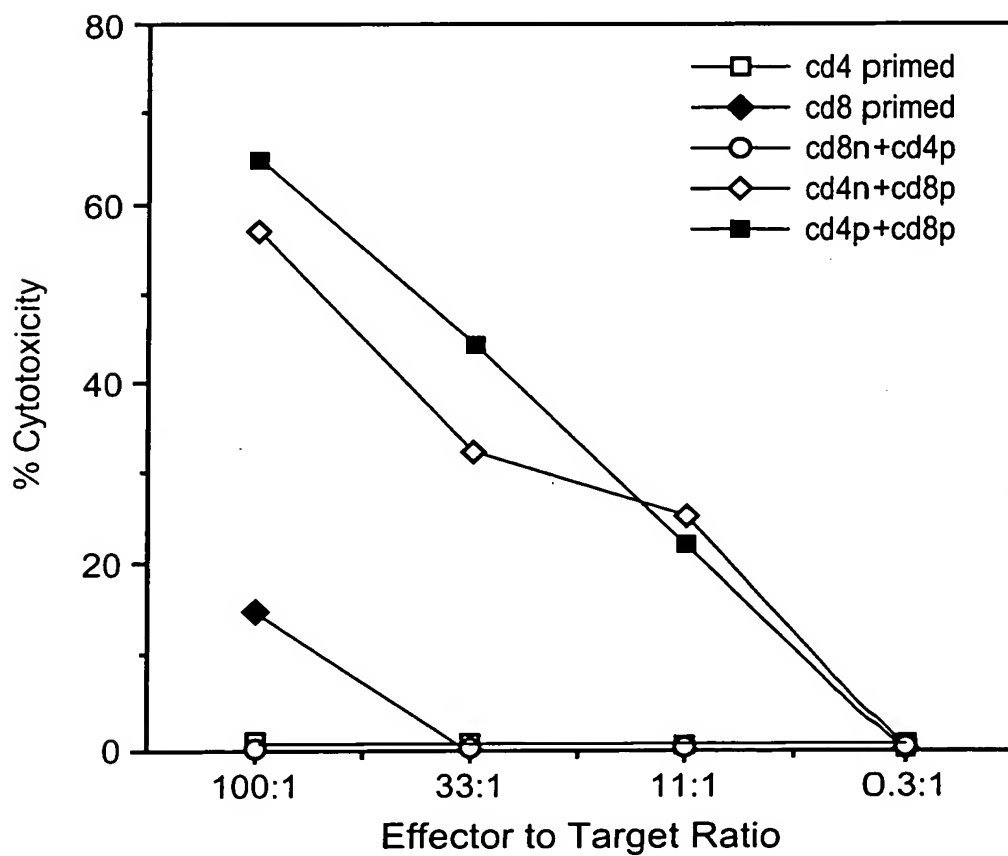


FIG. 6

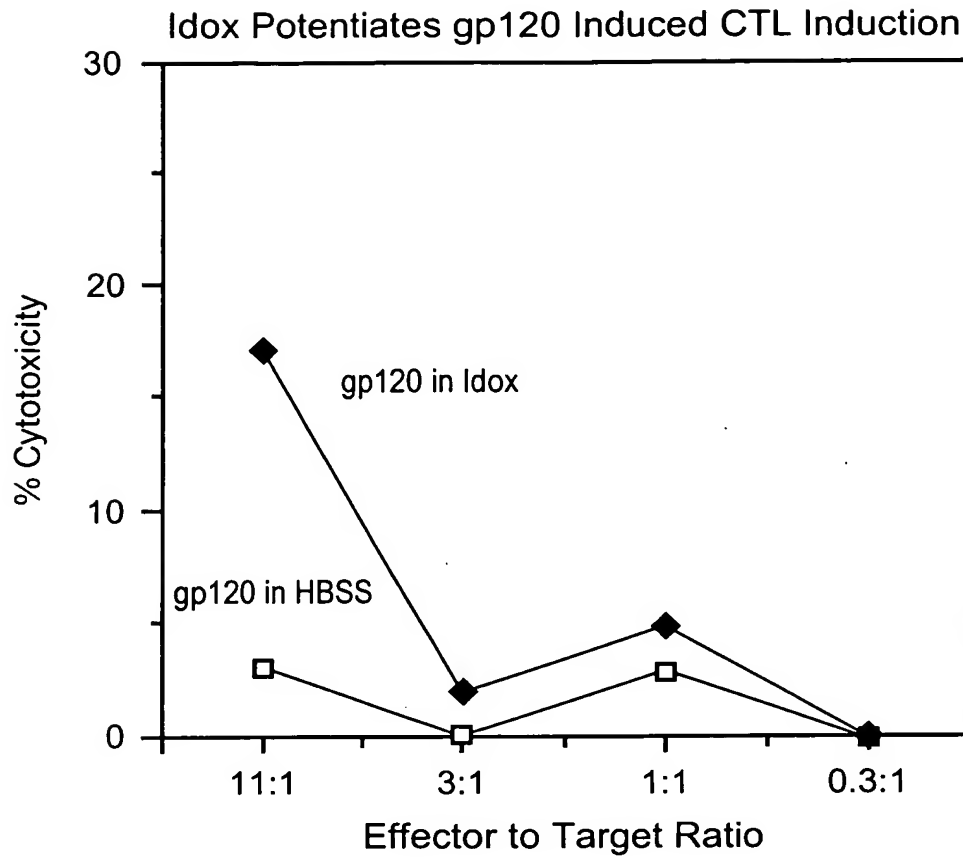


FIG. 7

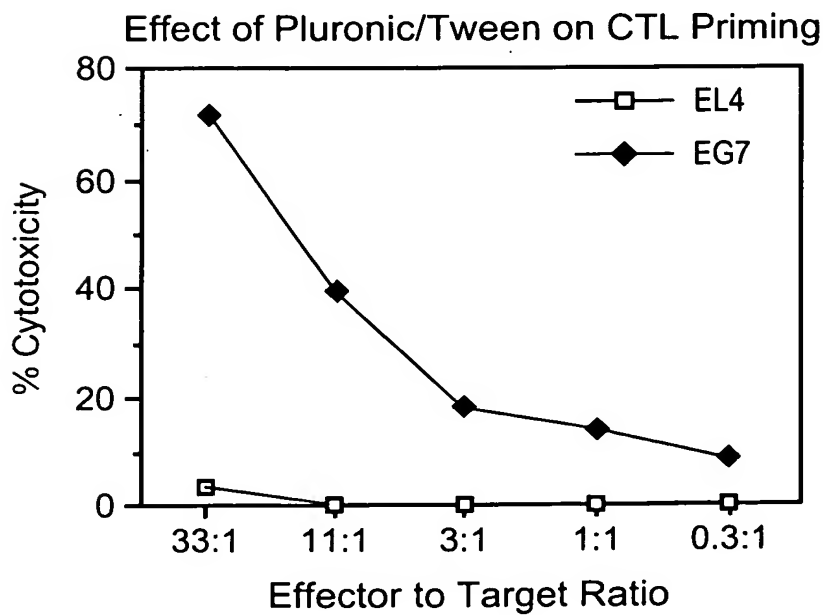


FIG. 8

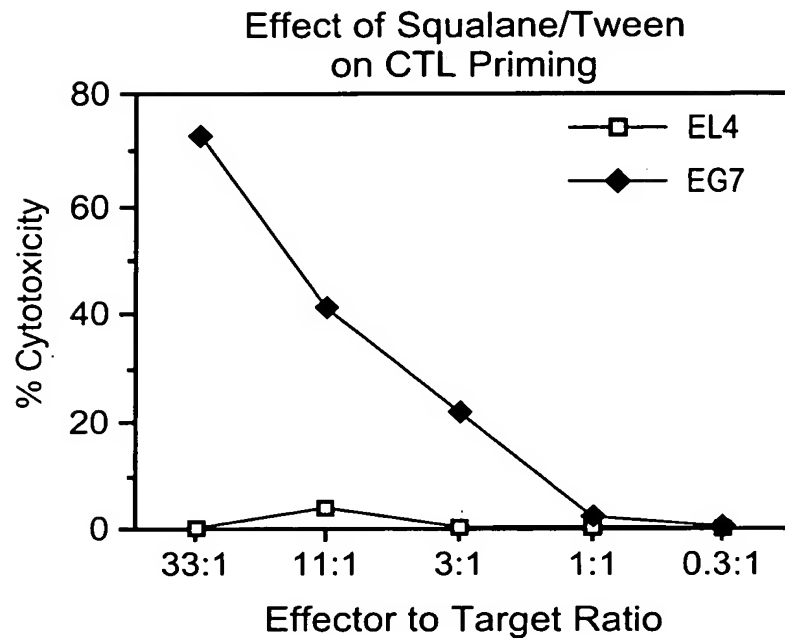


FIG. 9

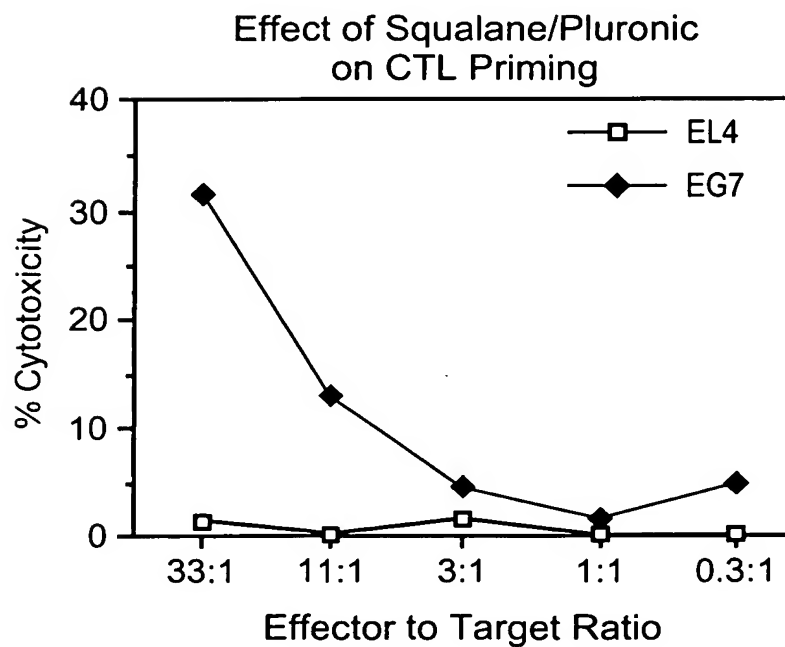
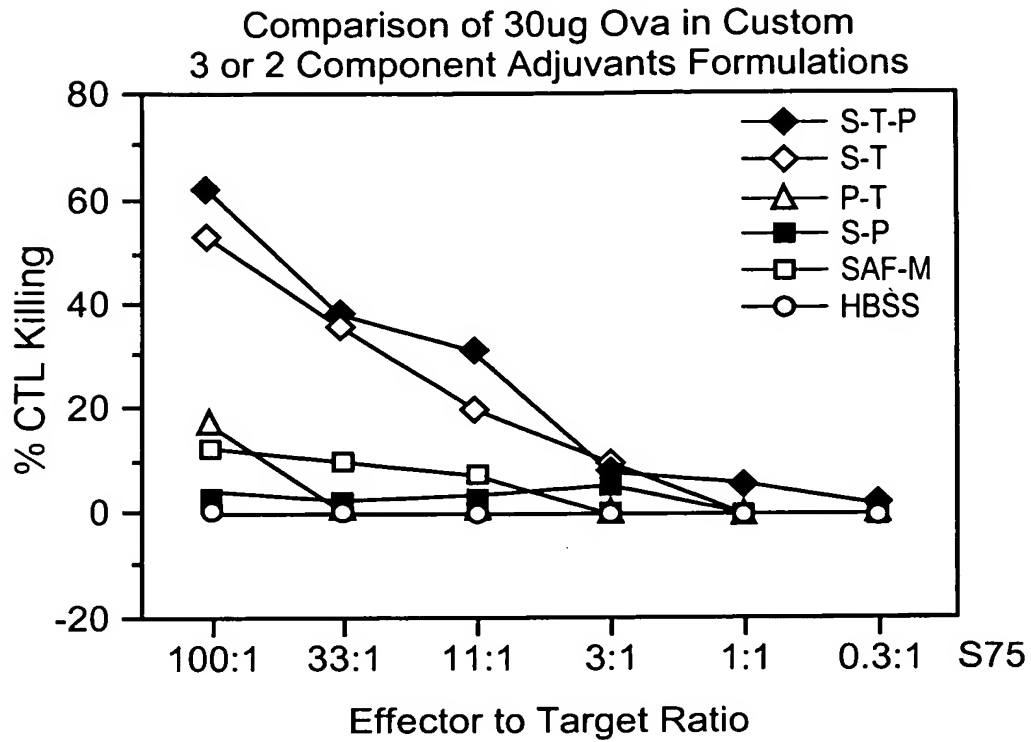
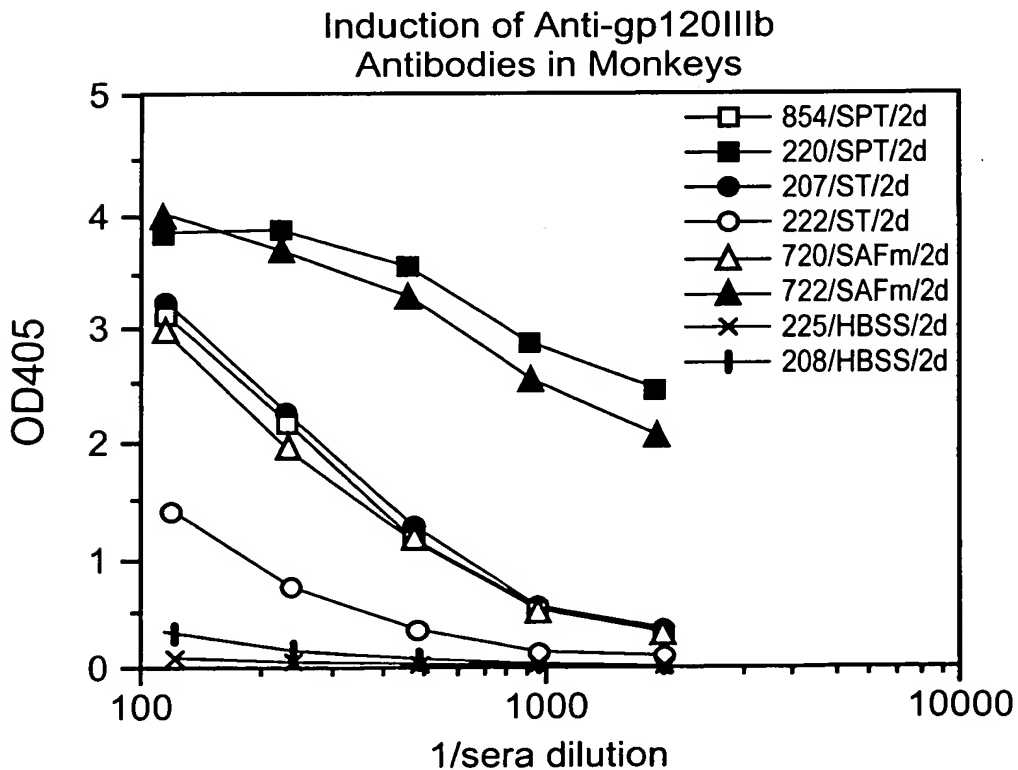


FIG. 10





**FIG. 11**



**FIG. 12**

### Antitumor Activity of HOPE2 Cells after a Single Immunization (Day 10) of Soluble E7 Protein in Adjuvant

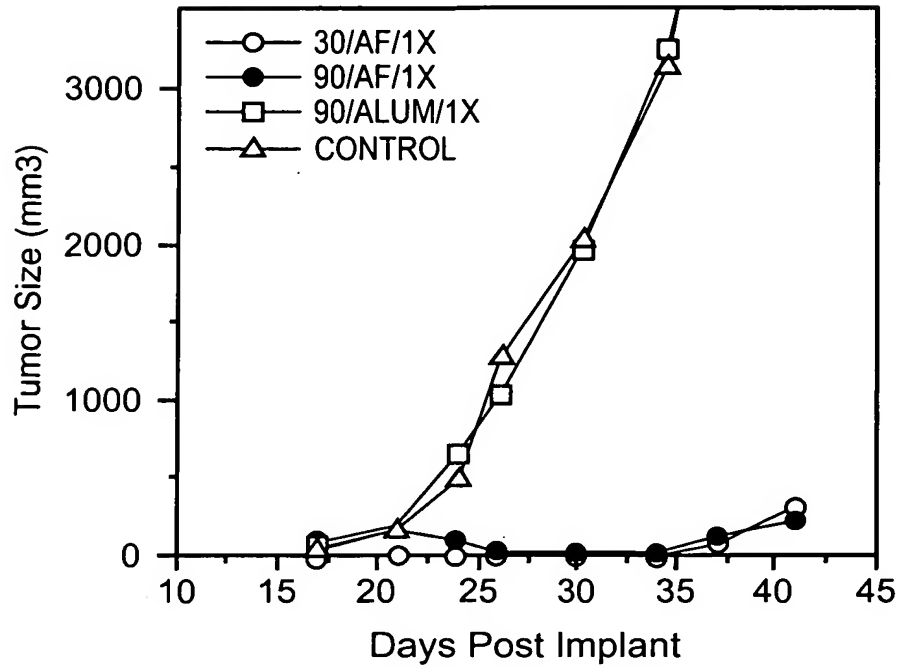


FIG. 13

### Antitumor Activity of HOPE2 Cells after Two Immunizations (Day 10,19) of Soluble E7 Protein in Adjuvant

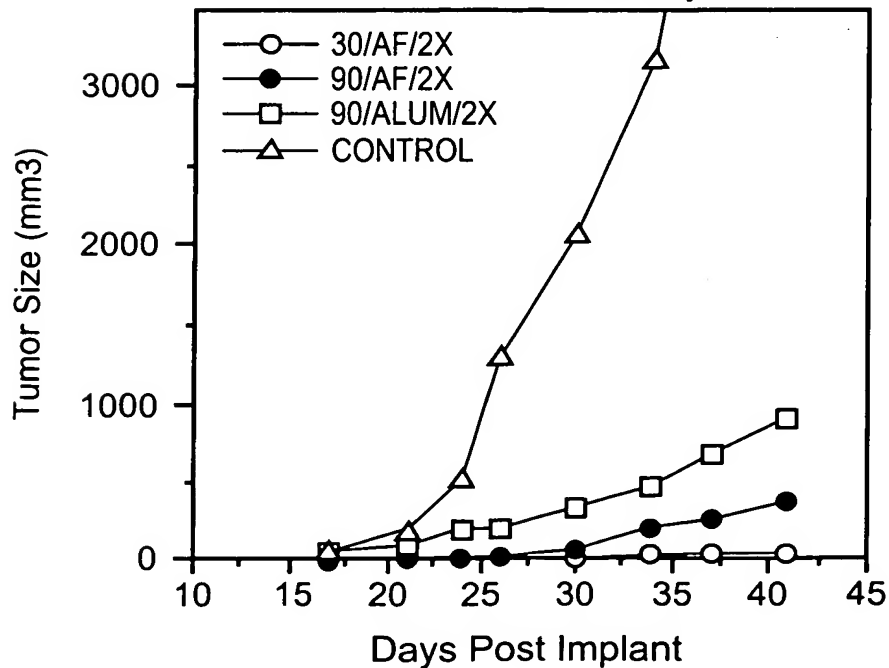


FIG. 14